

Tropical Cyclone (TC) 11S (Fari)*



First Poor : 1800Z 20 Jan 03

First Fair : 0500Z 21 Jan 03

First TCFA : 1230Z 23 Jan 03

First Warning : 1800Z 23 Jan 03

Last Warning : 0000Z 31 Jan 03, Dissipated

Max Intensity : 55 kts, gusts to 70 kts

Landfall : None

Total Warnings : 9

Remarks:

(1) Tropical Cyclone (TC) 11S was first described as a tropical disturbance 20 January at 1800Z. Initially, this system did not intensify and was finalized after only one warning. On 27 January, 2003 at 1800Z, another TCFA was issued for TC 11S. Six hours later, on January 28th 2003 at 00Z, JTWC issued the first warning following the second TCFA issuance. The cause of regeneration was due to TC 11S moving under the upper level ridge axis, improving upper level outflow conditions.

Approximately 24 hours after attaining warning status the cyclone made landfall near Mahanoro, Madagascar, with an intensity of 55 knots. After landfall, TC 11S tracked across Madagascar, and then into the Mozambique Channel. The movement of the system was towards the southwest into a weakness in the low to mid-level steering ridge. TC 11S dissipated 48 hours after it tracked back over the South Indian Ocean. Dissipation occurred as the system tracked into an environment of high vertical wind shear.

(2) Available reports indicate no casualties or damage were associated with this cyclone.

*Named by WMO designated RSMC

Statistics for JTWC on TC11S

	WRN	BEST TRACK			POSITION ERRORS								WIND ERRORS							
DTG	NO.	LAT	LONG	wind	00	12	24	36	48	72	96	120	00	12	24	36	48	72	96	120
03012100		11.2S	81.0E	20																
03012106		11.6S	81.0E	20																
03012112		12.0S	81.1E	20																
03012118		12.4S	81.1E	20																
03012200		12.7S	80.8E	20																
03012206		12.7S	80.2E	20																
03012212		13.0S	79.6E	20																
03012218		13.4S	78.6E	30																
03012300		13.8S	77.5E	30																
03012306		14.1S	76.5E	30																
03012312		14.5S	75.5E	30																
03012318	1	14.9S	74.4E	35	8	30	126	327	458				0	25	35	35	30			
03012406	2	15.2S	72.3E	20	30	115							0	0						
03012800	3	18.6S	52.0E	35	16	13	34	135	205				0	-5	-20	-5	-5			
03012812	4	19.6S	50.2E	45	0	12	67	152	130				-5	-10	0	0	-5			
03012900	5	20.3S	48.6E	55	0	34	101	67	69				0	0	0	5	10			
03012912	6	21.1S	45.8E	35	30	73	66	30	16				0	0	5	10	10			
03013000	7	22.4S	42.7E	30	13	53	74	109					0	0	0	-5				
03013012	8	24.0S	42.2E	30	0	48	156						0	0	-5					
03013100	9	26.3S	42.7E	25	31	85	186						0	-5	-5					
03013106		27.6S	43.2E	25																
03013112		29.0S	43.7E	25																
03013118		30.5S	44.1E	25																
03020100		31.9S	44.7E	25																
03020106		33.2S	45.5E	25																
03020112		34.6S	47.0E	25																
			AVERAGE		14	52	101	137	176				1	5	9	10	12			
			BIAS										-1	1	1	7	8			
			# CASES		9	9	8	6	5				9	9	8	6	5			

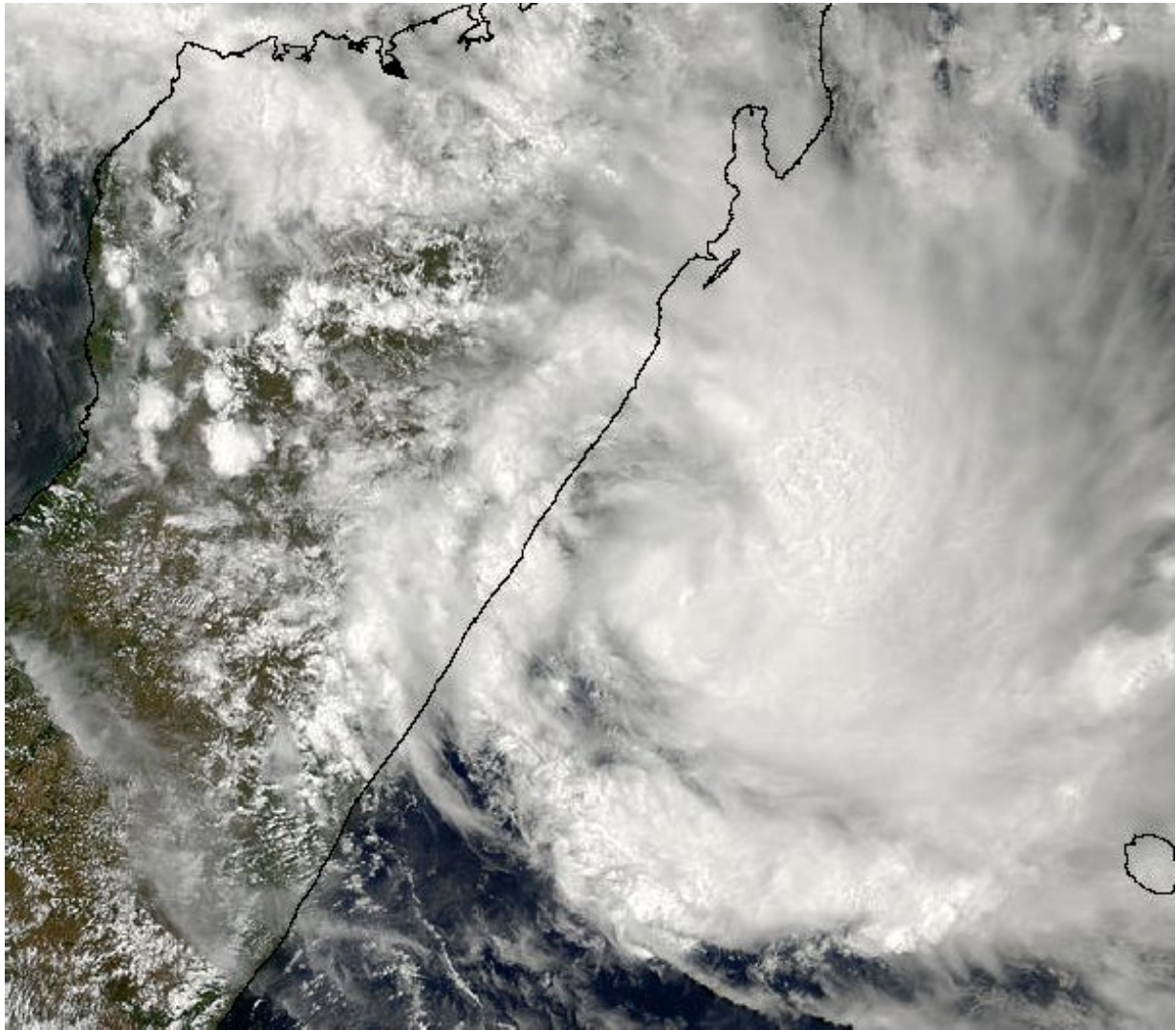


Figure 2-11S-1. 281050Z January 2003 MODIS true-color image of TC 11S (Fari), located 70nm east of Madagascar, with an intensity of 45 knots.

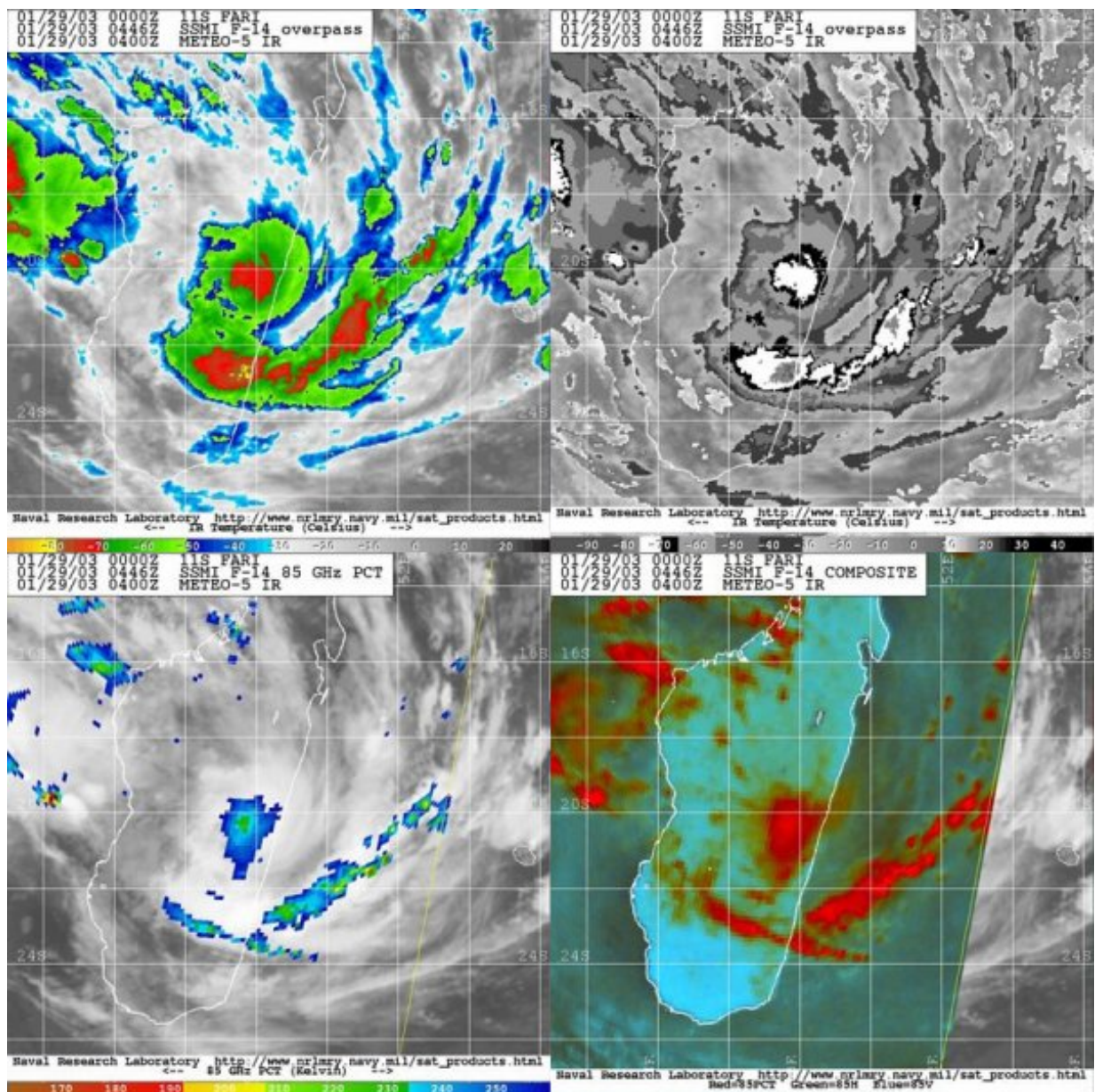
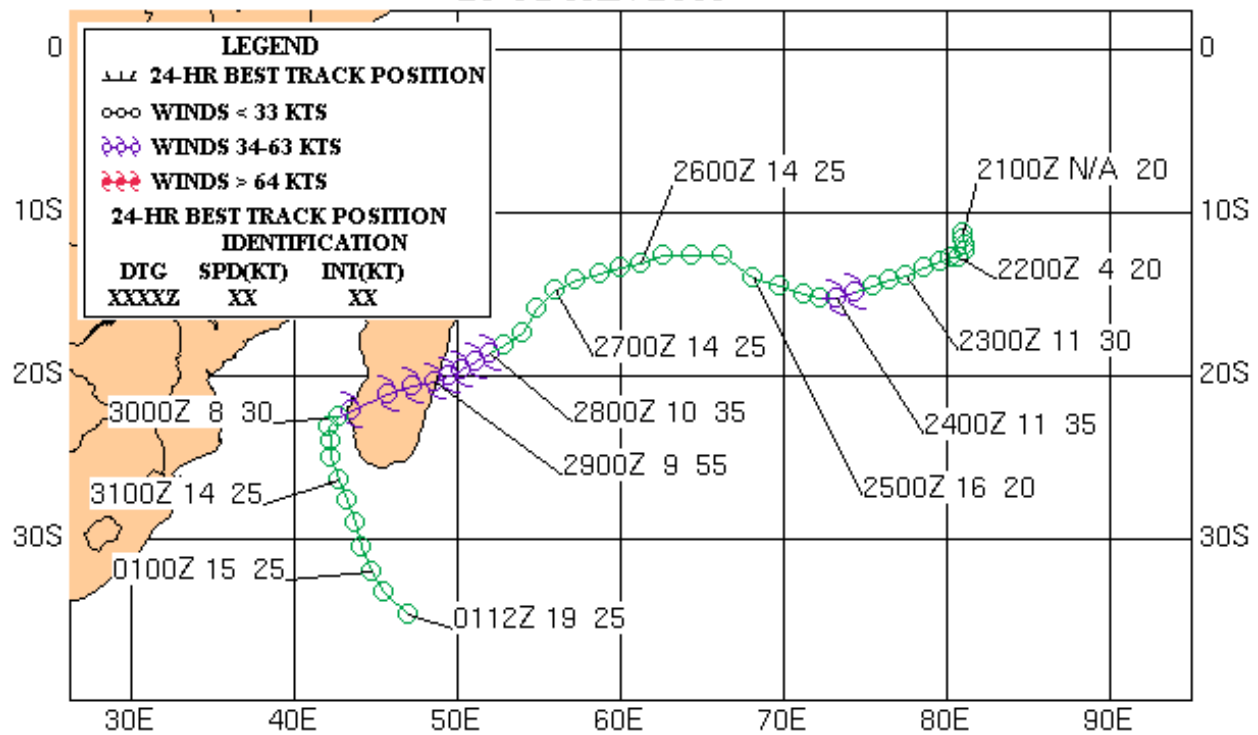


Figure 2-11S-2. 290446Z January 2003 multi-sensor satellite images of TC 11S (Fari), located on the east coast of Madagascar, with a peak intensity of 55 knots.

TROPICAL CYCLONE 11S (FARI) 23-31 JAN 2003



Time Intensity for 11S

Intensity (kts)

